

Form 1449 INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 1023-268US01	Application Number: 10/698,050
	Applicant: Orhan Soykan; Sheila A. Grant; Darcy J. Lichlyter	
	Filing Date: October 30, 2003	Group Art Unit: 3736
	Examiner Name: Unknown	

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Issue/Document Publication Date	Name	Filing Date If Appropriate
VN	5,756,682	05/26/1998	Wicks et al.	
	5,795,725	08/18/1998	Buechler et al.	
	5,834,220	11/10/1998	Wicks et al.	
	5,925,533	07/20/1999	Doth et al.	
	5,947,124	09/07/1999	Buechler et al.	
	6,174,686	01/16/2001	Buechler et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Publication Date	Country	Translation	
				Yes	No
VN	WO 00/12028	03/09/2000	PCT		

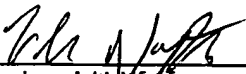
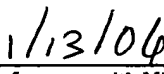
OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication)

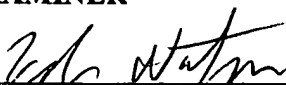
VN	Anderson et al., "Fiber optic immunochemical sensor for continuous, reversible measurement of phenytoin", Clinical Chemistry, Vol. 34, pp. 1417-1421, 1988.
	McShane et al., "Glucose Monitoring Using Implanted Fluorescent Microspheres", IEEE-EMBS Magazine, Vol. 19, No. 6, pp. 36-45, 2000.
	Brauker et al., "Neovascularization of synthetic membranes directed by membrane microarchitecture", J of Biomedical Materials Res, Vol. 29, pp. 1517-1524, 1995.
	den Braber et al., "Orientation of ECM protein deposition, fibroblast cytoskeleton, and attachment complex components on silicone microgrooved surfaces", J of Biomedical Materials Res, Vol. 40, pp. 291-300, 1998.
	Grant et al., "Development of dual receptor biosensors: an analysis of FRET pairs," Accepted by Biosensors & Bioelectronics, Oct. 2000.
	Grant et al., "Investigation of labeling FRET pairs to biomolecules for the development of dual receptor biosensors," SPIE Proceeding: Chemical and Biomedical Sensing, 4036, pp. 143-150, 2000.
	Braunwald, "Heart Disease," W.B. Saunders, Philadelphia, PA 5 th ED. p. 1189, 1997.
	Haris, "Clinical Chemistry", Williams & Wilkins, Malvern, PA, 4 th Ed., pp. 289-298, 1995.

EXAMINER**Date Considered**

1/13/06

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication)					
UN	Hartmann et al., "Biochemical markers in the diagnosis of coronary artery disease", European Heart J, 19: N2-7, 1998.				
	Penttilä et al., "Comparison of the Troponin-T and Troponin-I ELISA tests, as measured by Microplate Immunoassay Techniques, in Diagnosing Acute Myocardial Infarction", Eur J Clin Chem Clin Biochem; Vol. 35, No. 10, pp. 767-774, 1997.				
	ACC/AHA Guidelines for the Management of Patients with Acute Myocardial Infarction, JACC, Vol. 28, No. 5, pp. 1328-1428, 1996.				
	Hogan et al., "Medicare Beneficiaries Costs and Use of Care in the Last Year of Life," Medicare Payment Advisory Committee, Final Report, May 1, 2000, Table 6-3, page 34.				
	Braunwald, "Heart Disease", W.B. Saunders, Philadelphia, PA, 5 th Ed., p. 1290, 1997.				
	Braunwald, "Heart Disease", W.B. Saunders, Philadelphia, PA, 5 th Ed., p. 1126, 1997.				
	Kröger et al., "Surface investigations on the development of a direct optical immunosensor," Biosens Bioelectron, Vol. 13, pp. 1141-1147, 1998.				
	Koukkunen et al., "Troponin T and creatinine kinase isoenzyme MB mass in the diagnosis of myocardial infarction," Ann. Med., Vol. 30, pp. 488-496, 1998.				
	Delves, "Antibody application; essential techniques," John Wiley & Son Ltd., p. 23, 1995.				
	Harlow, "Handling Antibodies A Laboratory Manual," Cold Spring Harbor Laboratory Press, p. 85, 1998.				
	The et al., "Conjugation of Fluorescein Isothiocyanate to Antibodies II. A reproducible Method", Immunology, Vol. 18, No. 6, pp. 875-881, 1970.				
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VN	Bhatia et al., "Use of Thiol-Terminal Silanes and Heterobifunctional Crosslinkers for Immobilization of Antibodies on Silica Surfaces," Anal. Biochem., Vol. 178, No. 2, pp. 408-413, 1989.				
	Lichlyter et al., "FRET Based Sesors Using Antibodies for the Detection of Early Markers of Infarction," Michigan Technological University, 2001.				
	Grant et al., "Investigation of a FRET Immunosensor Technique for the Detection of Troponin T and I," Sensor Letters, 2003.				
	Lichlyter et al., "Development of a novel FRET immunosensor technique," Biosensors and Bioelectronics 19, pp. 219-226, 2003.				
	Ko et al., "Development of a novel FRET method for detection of Listeria or Salmonella," Sensors and Actuators B 96, pp. 372-378, 2003.				
	Pierce et al., "Development of a FRET based fiber-optic biosensor for early detection of myocardial infarction," Missouri Lifesciences Week 2004, University of Missouri - Columbia, MO, April 5-9, 2004.				
	Mary Pierce, Darcy Lichlyter and Sheila Grant. Engineering a biosensor to detect cardiac Troponin I. Biomedical Engineering Society, Nashville, TN, October 1-4, 2003.				
	Mary Pierce, Darcy Lichlyter, and Sheila Grant, Investigation of a FRET Based Sensor Technique for the Detection of Human cardiac Troponin T and Troponin I. Missouri Lifesciences Week 2003, University of Missouri - Columbia, MO, March 3-7, 2003.				
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